

## PLANT SPECIES OF SPECIAL CONCERN

MAY 1994

The Montana Natural Heritage Program (MTNHP) is conducting an inventory of the elements of biological diversity in Montana. The inventory includes plant species, animal species, and plant communities that are rare, endemic, disjunct, threatened, or endangered throughout their range or in Montana, vulnerable to extirpation from Montana, or in need of further research.

The attached list of plant taxa of special concern in Montana summarizes the current status of these plants. It has been developed from numerous sources including published and unpublished scientific literature, herbarium specimens, the Montana Rare Plant Project files (University of Montana), knowledgeable people, and field research. This list is dynamic and is revised as new data become available.

Comments and suggestions are needed concerning this list, particularly regarding additions or deletions. New locational information for any of these taxa is also being solicited. The MTNHP can supply current locational information and status data for most of these taxa.

Taxa are evaluated and ranked on the basis of their global (range-wide) status, and their state-wide status.

A scale of 1 (critically imperiled) to 5 (demonstrably secure) is used for these ranks, and each species is assigned the appropriate combination of global and state ranks.

Example: Adoxa moschatellina = G5 / S1. (Species is demonstrably secure globally; in Montana is critically imperiled because of extreme rarity ( $\leq 5$  occurrences)).

Global and state ranks are assigned according to a standardized procedure used by all Natural Heritage Programs, and are defined below.

Global/State

<u>Rank</u>	<u>Definition (G = Range-wide; S = Montana)</u>
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G1 S1	Critically imperiled because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extinction.
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G2 S2	Imperiled because of rarity (6 to 20 occurrences), or because of other factors demonstrably making it very vulnerable to extinction.
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G3 S3	Either very rare and local, or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction throughout its range because of other factors; in the range of 21 to 100 occurrences.
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G4 S4	Apparently secure, though it may be quite rare in parts of its range, especially at the periphery.
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G5 S5	Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.
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GU SU	Possibly in peril, but status uncertain; more information needed.
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GH SH	Historically known; may be rediscovered.
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GX SX	Believed to be extinct; historical records only, continue search.
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Other codes:

Q Taxonomic questions or problems involved, more information needed; appended to the global rank.

T Rank for a subspecific taxon (subspecies or variety); appended to the global rank for the full species.

USFWS Status: The symbols in this column denote the categories defined in the U.S. Fish and Wildlife Service Notices of Review (1980, 1983, 1985, 1990, 1993) and indicate the status of a taxon under the federal Endangered Species Act of 1973:

E Endangered (none in Montana).

T Threatened (1 in Montana)

PE/PT Proposed Endangered or Threatened (1 in Montana).

C Notice of Review, Category 1 (substantial information on biological vulnerability to support proposals to list as endangered or threatened (none in Montana).

C2 Notice of Review, Category 2 (some evidence of vulnerability but not enough data to support listing at this time (24 in Montana)

C2\* Category 2 taxon that is possibly extinct (none in Montana)

3A Taxa for which the USFWS has persuasive evidence of extinction (none in Montana).

3B Names that, on the basis of current taxonomic understanding, do not represent taxa meeting the Endangered Species Act's definition of "species" in Montana.

3C Taxa that have proven to be more abundant or widespread than was previously believed, and/or those that are not subject to any identifiable threat in Montana.

USFS Status:

The categories in this column are defined by Region 1 of the U.S. Forest Service as follows:

**SENSITIVE** A plant species, subspecies or variety, for which the regional Forester has determined there is a concern for population viability within a state, as evidenced by a significant current or predicted downward trend in populations or habitat. All sensitive plants are known to occur on national forest land. This category may include federal candidates (C1, C2, 3C) or plants proposed for listing as threatened or endangered in the Federal Register.

**WATCH** A plant species, subspecies or variety that is in one of the two following groups; 1) Not known to occur on national forest land but predicted to occur there on the basis of suitable habitat, and for which there is concern for population viability within a state as evidenced by a significant current or predicted downward trend in populations or habitat. These taxa, if found on national forest land, would be designated as sensitive. This group may include federal candidates (C1, C2, 3C). 2) Known to occur on national forest land but has no immediate or predicted threats to population viability. These taxa are important to monitor in the overall biodiversity program because of limited distribution or federal status. Included in this group may be taxa endemic to a state or federal candidates for which there is now evidence that populations are more widespread than previously thought and are considered secure (3C).

Note: Species which have no current status but have been proposed for addition to the pending Region 1 sensitive species list are noted as "proposed sensitive" and "proposed watch"; likewise for deletions. List users are advised to check with Region 1 of the U.S. Forest Service in Missoula.

LIST OF SPECIES UNDER REVIEW (SUPPLEMENT TO MONTANA SPECIES OF CONCERN LIST): These plants are considered too common to be categorized as state species of special concern but they have limited distribution or have undetermined status. They are defined as follows:

LIMITED DISTRIBUTION: These plants are limited to a small area of Montana (usually two counties or fewer) or a highly specialized habitat, but are too abundant to be sensitive. These plants are included because of their phytogeographic interest and vulnerability to large-scale alterations. A simplified system for tracking them is under consideration.

UNDETERMINED: Taxa for which there is a question as to identity or taxonomic status are included in this category. Also included here are plants reported to be in Montana but for which we have no indication that a voucher specimen exists.

Selected references:

Dorn, R.D. 1984. Vascular Plants of Montana. Mountain West Publishing, Cheyenne, WY. 276 pp.

Federal Register. 1993. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species; Notice of review 58(188): 51144-51190. 30 September 1993

Lesica, P. and J.S. Shelly. 1991. Sensitive, threatened and endangered vascular plants of Montana. Montana Natural Heritage Program, Montana State Library, Helena, Montana.

Note: The Montana plant species of special concern list is to be cited as follows:

Heidel, B. L. 1994. Montana plant species of special concern. Unpublished list. Montana Natural Heritage Program, Helena. 16 pp.

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## Plant Species of Special Concern

Name Common Name	Family	G & S Ranks	USF&WS Status	USFS Status	County Distribution
ACORUS AMERICANUS SWEETFLAG	ACORACEAE	G5 S1	PROPOSED	WATCH	*LAKE
ADOXA MOSCHATELLINA MUSK-ROOT	ADOXACEAE	G5 S1		SENSITIVE	GRAN, JEFF, STIL
AGASTACHE CUSICKII CUSICK'S HORSE-MINT	LAMIACEAE	G3 S1	3C		BEAV
AGOSERIS LACKSCHEWITZII PINK AGOSERIS	ASTERACEAE	G3 S2S3		SENSITIVE	BEAV, CARB, CASC, DEER, JUDI, MADI, MEAG, PARK, SILV, SWEE
AGROSTIS BOREALIS NORTHERN BENTGRASS	POACEAE	G5 S2			*MISS, *RAVA
ALLIUM ACUMINATUM TAPERTIP ONION	LILIACEAE	G5 S1	PROPOSED	SENSITIVE	MADI, RAVA, SAND
ALLIUM COLUMBIANUM COLUMBIA ONION	LILIACEAE	G3 S1			SAND
ALLIUM FIBRILLUM FRINGED ONION	LILIACEAE	G4		SENSITIVE	FLAT, GLAC, LINC, MISS
ALLIUM PARVUM DWARF ONION	LILIACEAE	G5 S1			RAVA
ALLIUM SIMILLIMUM DWARF ONION	LILIACEAE	G4 S1			GALL, RAVA
ALLOTROPA VIRGATA CANDYSTICK	MONOTROPACEAE	G4 S2S3		SENSITIVE	BEAV, DEER, GRAN, RAVA
AMMANNIA COCCINEA SCARLET AMMANNIA	LYTHRACEAE	G5 S1			GARF, PHIL
AMORPHA CANESCENS LEAD PLANT	FABACEAE	G5 S1			CART
ANTENNARIA DENSIFOLIA DENSE-LEAVED ANTENNARIA	ASTERACEAE	G3 S1		SENSITIVE	DEER, GRAN
AQUILEGIA BREVISTYLA SHORT-STYLED COLUMBINE	RANUNCULACEAE	G5 S2		SENSITIVE	JUDI, SWEE
AQUILEGIA FORMOSA SITKA COLUMBINE	RANUNCULACEAE	G5 S1			BEAV
ARABIS FECUNDA SAPPHIRE ROCKCRESS	BRASSICACEAE	G2 S2	C2	SENSITIVE	BEAV, RAVA, SILV

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ARABIS LYRATA VAR KAMCHATICA LYRE-LEAF ROCKCRESS	BRASSICACEAE	G5T? S1		WATCH	*FLAT, *GLAC
ARCTOSTAPHYLOS PATULA GREEN-LEAF MANZANITA	ERICACEAE	G4 S1		WATCH	LAKE
ARTEMISIA NORVEGICA VAR SAXATILIS BOREAL WORMWOOD	ASTERACEAE	G5T? S1			GLAC
ASCLEPIAS STENOPHYLLA NARROW-LEAVED MILKWEED	ASCLEPIADACEAE	G4G5 S1			CART
ASPLENIUM TRICHOMANES MAIDENHAIR SPLEENWORT	ASPLENIACEAE	G5 SH		SENSITIVE	FLAT
ASTER FRONDOSUS ALKALI ASTER	ASTERACEAE	G4 S1			SAND
ASTER PTARMICOIDES PRAIRIE ASTER	ASTERACEAE	G5 S1			RICH
ASTER SIMPLEX VAR RAMOSSIMUS PANICLED ASTER	ASTERACEAE	G5 SU			*POWD
ASTRAGALUS ARETIOIDES SWEETWATER MILKVETCH	FABACEAE	G4 S2			BIGH, CARB
ASTRAGALUS BARRII BARR'S MILKVETCH	FABACEAE	G3 S3	3C	SENSITIVE	BIGH, CART, POWD, ROSE
ASTRAGALUS CERAMICUS VAR APUS PAINTED MILKVETCH	FABACEAE	G4T3 S1	3C		BEAV
ASTRAGALUS CHAMAELEUCE GROUND MILKVETCH	FABACEAE	G5 S1			CARB
ASTRAGALUS CONVALLARIUS VAR CONVALLARIUS LESSER RUSHY MILKVETCH	FABACEAE	G5T5 S2			BEAV, BROA, LEWI
ASTRAGALUS GEYERI GEYER MILKVETCH	FABACEAE	G5 S2			CARB, CUST, DAWS, GARF
ASTRAGALUS GRAYI GRAY'S MILKVETCH	FABACEAE	G4? S1			CARB
ASTRAGALUS MOLYBDENUS LEADVILLE MILKVETCH	FABACEAE	G3 S2	C2	SENSITIVE	TETO
ASTRAGALUS OREGANUS WIND RIVER MILKVETCH	FABACEAE	G4? S1			CARB
ASTRAGALUS PLATYTROPIS BROAD-KEELED MILKVETCH	FABACEAE	G5 S2			BEAV, MADI

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ASTRAGALUS RACEMOSUS VAR LONGISETUS RACEME MILKVETCH	FABACEAE	G5T4 S1			CART, FALL
ASTRAGALUS SCAPHOIDES BITTERROOT MILKVETCH	FABACEAE	G3 S1	3C		BEAV
ASTRAGALUS TERMINALIS RAILHEAD MILKVETCH	FABACEAE	G3G4 S2			BEAV, MADI
ATHYSANUS PUSILLUS SANDWEED	BRASSICACEAE	G4 S1		SENSITIVE	RAVA
ATRIPLEX TRUNCATA WEDGE-LEAVED SALTBUSH	CHENOPODIACEAE	G5 S1			BEAV, LAKE, LEWI
BACOPA ROTUNDIFOLIA ROUNDLEAF WATER-HYSSOP	SCROPHULARIACEAE	G5 S1			CASC, GARF, PHIL
BALSAMORHIZA MACROPHYLLA LARGE-LEAFED BALSAMROOT	ASTERACEAE	G3G5 S1		SENSITIVE	BEAV, GALL
BIDENS BECKII BECK WATER-MARIGOLD	ASTERACEAE	G4G5TU S2			FLAT, LAKE, MISS
BIDENS COMOSA THREELOBED BEGGARTICKS	ASTERACEAE	G5 S1			*CHOT, *HILL, *PHIL, *RICH
BIDENS VULGATA VAR SCHIZANTHA TALL BUR-MARIGOLD	ASTERACEAE	G5T? S1			RICH
BOISDUVALIA DENSIFLORA DENSE SPIKE-PRIMROSE	ONAGRACEAE	G5 SH			SAND
BOTRYCHIUM ASCENDENS UPWARD-LOBED MOONWORT	OPHIOGLOSSACEAE	G3? S1	C2	SENSITIVE	LEWI
BOTRYCHIUM CRENULATUM WAVY MOONWORT	OPHIOGLOSSACEAE	G3 S1	C2	PROPOSED SENSITIVE	LAKE
BOTRYCHIUM HESPERIUM WESTERN MOONWORT	OPHIOGLOSSACEAE	G3 S1	PROPOSED	SENSITIVE	DEER, FLAT, GLAC
BOTRYCHIUM MINGANENSE MINGAN ISLAND MOONWORT	OPHIOGLOSSACEAE	G4 S1		SENSITIVE	FLAT, GLAC, LAKE, MISS
BOTRYCHIUM MONTANUM MOUNTAIN MOONWORT	OPHIOGLOSSACEAE	G2G3 S2	PROPOSED	SENSITIVE	FLAT, LAKE
BOTRYCHIUM PARADOXUM PECULIAR MOONWORT	OPHIOGLOSSACEAE	G1 S1	C2	SENSITIVE	DEER, GLAC, GRAN, POND, TETO
BOTRYCHIUM SPATHULATUM SPOON-LEAF MOONWORT	OPHIOGLOSSACEAE	G2G3 S1			LAKE

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BRASENIA SCHREBERI WATERSHIELD	CABOMBACEAE	G5 S2			FLAT, LAKE, LINC, MISS
BRAYA HUMILIS LOW BRAYA	BRASSICACEAE	G4 S1			*MADI
CALAMAGROSTIS TWEEDYI CASCADE REEDGRASS	POACEAE	G3 S2	3C		MINE, MISS, RAVA, SAND
CALOCHORTUS BRUNEAUNIS BRUNEAU MARIPOSA LILY	LILIACEAE	G5 SH			MADI
CAMISSONIA ANDINA OBSCURE EVENING-PRIMROSE	ONAGRACEAE	G4 S1			CARB, MISS
CAMISSONIA PARVULA SMALL CAMISSONIA	ONAGRACEAE	G4 S1			CARB
CARDAMINE OLIGOSPERMA VAR KAMTSCHATICA FEW-SEEDED BITTERCRESS	BRASSICACEAE	G5T? S1			FLAT
CARDAMINE RUPICOLA CLIFF TOOTHWORT	BRASSICACEAE	G3 S3	3C		FLAT, LAKE, LEWI, MISS, POWE
CAREX AMPLIFOLIA BIG-LEAF SEDGE	CYPERACEAE	G3G4 S1			SAND
CAREX CHORDORRHIZA CREEPING SEDGE	CYPERACEAE	G5 S1	PROPOSED	SENSITIVE	FLAT, POWE
CAREX COMOSA BRISTLY SEDGE	CYPERACEAE	G5 S1			FLAT
CAREX CRAWEI CRAW'S SEDGE	CYPERACEAE	G5 S1			CASC, POND, POWE, PRAI, TETO
CAREX EBURNEA IVORY SEDGE	CYPERACEAE	G5 SU			DAWS, FLAT, RICH, *FERG
CAREX GRAVIDA PREGNANT SEDGE	CYPERACEAE	G5 S1			BIGH, ROSE
CAREX LENTICULARIS VAR DOLIA GOOSE-GRASS SEDGE	CYPERACEAE	G5T2 S1	C2		FLAT, GLAC
CAREX LIVIDA PALE SEDGE	CYPERACEAE	G5 S2		SENSITIVE	FLAT, GLAC, LAKE, LEWI, MISS, POWE, TETO
CAREX LUZULINA VAR ATROPURPUREA BLACK AND PURPLE SEDGE	CYPERACEAE	G5T2 S2			*BEAV, *MISS, *RAVA
CAREX MARITIMA VAR INCURVIFORMIS MARITIME SEDGE	CYPERACEAE	G2G3T? S1			DEER, TETO

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CAREX MULTICOSTATA MANY-RIBBED SEDGE	CYPERACEAE	G5 S1		WATCH	BEAV, GALL, PARK
CAREX NEUROPHORA ALPINE-NERVED SEDGE	CYPERACEAE	G4 S1			DEER, MISS, PARK, RAVA
CAREX OCCIDENTALIS WESTERN SEDGE	CYPERACEAE	G4 SH			BEAV
CAREX PARRYANA SSP IDAHOA IDAHO SEDGE	CYPERACEAE	G2Q S2	3C	SENSITIVE	BEAV, SILV
CAREX PAUPERCULA POOR SEDGE	CYPERACEAE	G5 S2		SENSITIVE	FLAT, LAKE, LINC, MISS
CAREX PETRICOSA ROCK SEDGE	CYPERACEAE	G4 S1			GLAC
CAREX ROSTRATA BEAKED SEDGE	CYPERACEAE	G5 S1			*FLAT
CAREX SCOPARIA POINTED BROOM SEDGE	CYPERACEAE	G5 S1			MISS, RAVA
CAREX STENOPTILA SMALL-WINGED SEDGE	CYPERACEAE	G3? S1			FLAT, RAVA, YNPK
CAREX SYCHNOCEPHALA MANY-HEADED SEDGE	CYPERACEAE	G4 S1			CASC, GLAC, LAKE, LINC, SHER
CAREX TENUIFLORA THIN-FLOWERED SEDGE	CYPERACEAE	G5 S1			FLAT
CAREX TINCTA SLENDER SEDGE	CYPERACEAE	G4G5 SU			GLAC, LAKE, PARK
CAREX TORREYI TORREY'S SEDGE	CYPERACEAE	G4 S1			CART, CHOU
CAREX VALLICOLA VALLEY SEDGE	CYPERACEAE	G5 S2S3			BEAV, CARB, GALL, LEWI, MADI, PARK, SILV
CASTILLEJA CERVINA DEER INDIAN-PAINTBRUSH	SCROPHULARIACEAE	G3G4 S1			FLAT, POWE
CASTILLEJA COVILLEANA COVILLE INDIAN-PAINTBRUSH	SCROPHULARIACEAE	G3G4 S1		SENSITIVE	RAVA
CASTILLEJA EXILIS ANNUAL PAINTBRUSH	SCROPHULARIACEAE	G5 SH			DEER, GALL, JEFF
CASTILLEJA GRACILLIMA SLENDER PAINTBRUSH	SCROPHULARIACEAE	G3G4 S1		SENSITIVE	GALL, MADI



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CASTILLEJA LONGISPICA PARROT-HEAD INDIAN-PAINTBRUSH	SCROPHULARIACEAE	G4?T4 S1		SENSITIVE	CARB, MADI, RAVA
CEANOTHUS HERBACEUS VAR PUBESCENS NEW JERSEY TEA	RHAMNACEAE	G?T? S1		WATCH	POWD
CELASTRUS SCANDENS BITTERSWEET	CELASTRACEAE	G5 S1			DAWS
CENTAURIUM EXALTATUM WESTERN CENTAURY	GENTIANACEAE	G5 SH			BIGH
CENTUNCULUS MINIMUS CHAFFWEED	PRIMULACEAE	G5 S1			CASC, MISS, RAVA
CERCOCARPUS MONTANUS VAR GLABER BIRCHLEAF MOUNTAIN-MAHOGANY	ROSACEAE	G5TU S1			TREA
CHENOPODIUM SUBGLABRUM SMOOTH GOOSEFOOT	CHENOPODIACEAE	G2G4 S1			CART, CUST
CHRYOSPLENIUM TETRANDRUM NORTHERN GOLDEN-CARPET	SAXIFRAGACEAE	G5 S2S3		SENSITIVE	GRAN, RAVA
CHRYSOTHAMNUS LINIFOLIUS LINELEAF RABBITBRUSH	ASTERACEAE	G5 SH			YELL
CHRYSOTHAMNUS PARRYI SSP MONTANUS CENTENNIAL RABBITBRUSH	ASTERACEAE	G5T1 S1	C2	SENSITIVE	BEAV
CIRSIUM BREVISTYLUM SHORT-STYLED THISTLE	ASTERACEAE	G4 S1			SAND, *MINE
CIRSIUM LONGISTYLUM LONG-STYLED THISTLE	ASTERACEAE	G2Q S2Q	C2		BROA, CASC, JEFF, JUDI, LEWI, MEAG, WHEA
LARKIA RHOMBOIDEA COMMON CLARKIA	ONAGRACEAE	G4 S1		SENSITIVE	SAND
CLAYTONIA ARENICOLA SAND SPRINGBEAUTY	PORTULACACEAE	G4 S1			*SAND
CLEOME LUTEA YELLOW BEE PLANT	CAPPARACEAE	G5 S1			BIGH, CARB
COLLOMIA TINCTORIA YELLOW-STAINING COLLOMIA	POLEMONIACEAE	G5 S1			CASC, FLAT, LAKE
CONIOSELINUM SCOPULORUM HEMLOCK PARSLEY	APIACEAE	G4 S1			BIGH, CARB
CORYDALIS SEMPERVIRENS PALE CORYDALIS	FUMARIACEAE	G4G5 S1			FLAT, GLAC

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CRYPTANTHA FENDLERI FENDLER CAT'S-EYE	BORAGINACEAE	G4 S1			BEAV, SHER
CRYPTANTHA FLAVOCULATA PALE YELLOW CRYPTANTHA	BORAGINACEAE	G5 S1			CARB
CRYPTANTHA HUMILISÄ LOW CRYPTANTHA	BORAGINACEAE	G4? SU			*BEAV, *PARK
CRYPTANTHA SCOPARIA MINER'S CANDLE	BORAGINACEAE	G3 S1			CARB
CUSCUTA PENTAGONA FIELD DODDER	CUSCUTACEAE	G5 SU			*PRAI
CYMOPTERUS HENDERSONII HENDERSON'S PTERYXIA	APIACEAE	G? S1			*BEAV
CYPERUS ACUMINATUS SHORT-POINTED FLATSEGE	CYPERACEAE	G5 S1			SAND
CYPERUS ERYTHORRHIZOSÄ RED-ROOT FLATSEGE	CYPERACEAE	G5 SU			*MISS
CYPERUS RIVULARIS SHINING FLATSEGE	CYPERACEAE	G5 S1			MISS, RAVA
CYPERUS SCHWEINITZII SCHWEINITZ' FLATSEGE	CYPERACEAE	G5 S1			CART, CUST, SHER
CYPRIPEDIUM CALCEOLUS VAR PARVIFLORUM SMALL YELLOW LADY'S-SLIPPER	ORCHIDACEAE	G5Q S2S3		SENSITIVE	FLAT, GALL, GRAN, LAKE, LEWI, LINC, MISS, STIL, TETO
CYPRIPEDIUM FASCICULATUM CLUSTERED LADY'S-SLIPPER	ORCHIDACEAE	G3 S2	C2	SENSITIVE	LAKE, MINE, SAND
CYPRIPEDIUM PASSERINUM SPARROW'S-EGG LADY'S-SLIPPER	ORCHIDACEAE	G4G5 S2		SENSITIVE	FLAT, LAKE, LEWI, LINC, POND, POWE, TETO
CYSTOPTERIS MONTANA MOUNTAIN BLADDER FERN	DRYOPTERIDACEAE	G5 SH			GLAC
DALEA ENNEANDRA NINE-ANTHER DALEA	FABACEAE	G5 S1			CUST, RICH
DALEA VILLOSA VAR VILLOSA SILKY PRAIRIE CLOVER	FABACEAE	G5T? S1			CART
DELPHINIUM BICOLOR SSP NOVUM UNDESCRIBED LARKSPUR	RANUNCULACEAE	G3 S3			BEAV, CARB, JEFF, LEWI
DELPHINIUM BURKEI MEADOW LARKSPUR	RANUNCULACEAE	G4 S1			BEAV, FLAT

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DICHANTHELIUM OLIGOSANTHES VAR SCRIBNERIANUM SCRIBNER'S PANIC GRASS	POACEAE	G5T5 S1			POWD
DICHANTHELIUM WILCOXIANUM WILCOX'S PANIC GRASS	POACEAE	G5 S1			CUST
DOWNINGIA LAETA GREAT BASIN DOWNINGIA	CAMPANULACEAE	G5 S1			BEAV, LEWI, MADI, TETO
DRABA DAVIESIAE BITTERROOT DRABA	BRASSICACEAE	G3 S3			RAVA
DRABA DENSIFOLIA DENSE-LEAF WHITLOW-GRASS	BRASSICACEAE	G5 S2			GLAC, JEFF, LEWI, SILV, *PARK
DRABA FLADNIZENSIS WHITE ARCTIC WHITLOW-GRASS	BRASSICACEAE	G4 S1			CARB, DEER
DRABA GLOBOSA ROUND-FRUITED WHITLOW-GRASS	BRASSICACEAE	G? S1			BEAV, MADI
DRABA MACOUNII MACOUN'S DRABA	BRASSICACEAE	G3 S1			FLAT, GLAC
DRABA PORSILDII PORSILD'S DRABA	BRASSICACEAE	G3 S1			CARB
DRABA VENTOSA WIND RIVER DRABA	BRASSICACEAE	G2G3 S1			MADI
DROSERA ANGLICA ENGLISH SUNDEW	DROSERACEAE	G5 S2			FLAT, GALL, LAKE, LEWI, LINC, MADI, MISS, POWE, RAVA
DROSERA LINEARIS LINEAR-LEAVED SUNDEW	DROSERACEAE	G4 S1		SENSITIVE	FLAT, LEWI, POWE
DRYAS INTEGRIFOLIA ENTIRE-LEAVED AVENS	ROSACEAE	G5 S1			FERG, GOLD, MADI
DRYOPTERIS CRISTATA BUCKLER FERN	DRYOPTERIDACEAE	G5 S2		SENSITIVE	FLAT, LAKE, MISS
ELATINE AMERICANA AMERICAN WATER-WORT	ELATINACEAE	G4 S1			
ELATINE CALIFORNICA CALIFORNIA WATERWORT	ELATINACEAE	G5 S1			LAKE
ELEOCHARIS ROSTELLATA BEAKED SPIKERUSH	CYPERACEAE	G5 S1			FLAT, LAKE, MADI, SAND, TETO
ELEOCHARIS XYRIDIFORMIS CREEPING SPIKE-RUSH	CYPERACEAE	G4 S1			CART, PETR

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ELODEA LONGIVAGINATA LONG SHEATH WATERWEED	HYDROCHARITACEAE	G4G5 S1			GLAC, LIBE, PHIL
ELYMUS FLAVESCENS SAND WILD RYE	POACEAE	G4 S1			BEAV, MADI
ELYMUS INNOVATUS NORTHERN WILD-RYE	POACEAE	G5 S1		SENSITIVE	CASC, GLAC, POND
EPILOBIUM SUFFRUTICOSUM SHRUBBY WILLOW-HERB	ONAGRACEAE	G5 S2			GLAC, MISS, PARK, POWE, RAVA, SAND
EPIPACTIS GIGANTEA GIANT HELLEBORINE	ORCHIDACEAE	G4 S2		SENSITIVE	CARB, FLAT, GRAN, LAKE, MADI, POWE, TETO
ERIGERON ALLOCOTUS BIG HORN FLEABANE	ASTERACEAE	G3 S3	3C		BIGH, CARB
ERIGERON ASPERUGINEUS IDAHO FLEABANE	ASTERACEAE	G4 S1		SENSITIVE	BEAV, RAVA, *MADI
ERIGERON BELLIDIASTRUM WESTERN FLEABANE	ASTERACEAE	G5 [S value missing]			YELL
ERIGERON EATONII SSP EATONII EATON'S DAISY	ASTERACEAE	G5T5 S1		WATCH	SWEE
ERIGERON EVERMANNII EVERMANN FLEABANE	ASTERACEAE	G4 S1		SENSITIVE	RAVA
ERIGERON FLABELLIFOLIUS FAN-LEAVED DAISY	ASTERACEAE	G3G4 S3			CARB, PARK
ERIGERON FLAGELLARIS RUNNING FLEABANE	ASTERACEAE	G5 S1			LEWI
ERIGERON FORMOSISSIMUS VAR VISCIDUS BEAUTIFUL DAISY	ASTERACEAE	G4T4 S1			CARB, MADI, PARK
ERIGERON LACKSCHEWITZII FRONT MOUNTAIN FLEABANE	ASTERACEAE	G2Q S2	C2		FLAT, LEWI, POND, TETO
ERIGERON LEIOMERUS SMOOTH DAISY	ASTERACEAE	G4 S1			*BEAV
ERIGERON LINEARIS LINEARLEAF FLEABANE	ASTERACEAE	G5 S1		SENSITIVE	BEAV, RAVA
ERIOGONUM CAESPITOSUM MAT BUCKWHEAT	POLYGONACEAE	G5 S1			BEAV
ERIOGONUM LAGOPUS RABBIT BUCKWHEAT	POLYGONACEAE	G3Q S3	C2		CARB, PARK

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ERIOGONUM SALSUGINOSUM SMOOTH BUCKWHEAT	POLYGONACEAE	G4? S1			CARB
ERIOPHORUM CALLITRIX SHEATHED COTTON-GRASS	CYPERACEAE	G5 S1			CARB
ERIOPHORUM SCHEUCHZERIA SCHEUCHZER'S COTTON-GRASS	CYPERACEAE	G5 SU			*CARB
ERIOPHORUM VIRIDICARINATUM GREEN-KEELED COTTONSEDGE	CYPERACEAE	G5 S2		SENSITIVE	FLAT, GLAC, LAKE, LEWI, POWE, TETO
EUPATORIUM MACULATUM VAR BRUNERI JOE-PYE WEED	ASTERACEAE	G5TU S1			BIGH, CARB
EUPATORIUM OCCIDENTALE WESTERN BONESET	ASTERACEAE	G4 S1		SENSITIVE	MINE, RAVA
EUPHRASIA ARCTICA VAR DISJUNCTA DISJUNCT EYEBRIGHT	SCROPHULARIACEAE	G5 S1			GLAC
FESTUCA VIVIPARA VIVIPAROUS FESCUE	POACEAE	G3G4Q S1			*GLAC
GAULTHERIA OVATIFOLIA SLENDER WINTERGREEN	ERICACEAE	G5 S2			LAKE, LINC, MINE, SAND
GENTIANA GLAUCA GLAUCOUS GENTIAN	GENTIANACEAE	G4  S1		FLAT	
GENTIANA PROSTRATA PYGMY GENTIAN	GENTIANACEAE	G5 S1			BEAV, CARB, DEER, GLAC, STIL
GENTIANELLA TENELLA SLENDER GENTIAN	GENTIANACEAE	G4 S2			CARB, MADI, PARK, STIL
GENTIANOPSIS MACOUNII MACOUN'S GENTIAN	GENTIANACEAE	G5 S1			GLAC, TETO
GENTIANOPSIS SIMPLEX HIKER'S GENTIAN	GENTIANACEAE	G3G4 S1		SENSITIVE	BEAV, CARB, MISS
GLOSSOPETALON NEVADENSE SPINY GREENBUSH	CROSSOSOMATAACEAE	G5Ä S1		SENSITIVE	RAVA
GOODYERA REPENS NORTHERN RATTLESNAKE-PLANTAIN	ORCHIDACEAE	G5 S2		SENSITIVE	FERG, FLAT, JUDI, WHEA
GRATIOLA EBRACTEATA BRACKETLESS HEDGE-HYSSOP	SCROPHULARIACEAE	G4 S1			CASC, GLAC, TETO, YELL
GRAYIA SPINOSA SPINY HOPSAGE	CHENOPODIACEAE	G5 S1			BEAV, BIGH, CARB

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GRINDELIA HOWELLII HOWELL'S GUM-WEED	ASTERACEAE	G3 S2S3	C2	SENSITIVE	MISS, POWE
HALENIA DEFLEXA SSP DEFLEXA SPURRED GENTIAN	GENTIANACEAE	G5TU S1			FLAT, LINC
HALIMOLOBOS PERPLEXA VAR LEMHIENSIS PUZZLING ROCKCRESS	BRASSICACEAE	G4T4 S1	3C	ENSITIVE	RAVA
HALIMOLOBOS VIRGATA TWIGGY HALIMOLOBOS	BRASSICACEAE	G2G3 S2	3C		BEAV, LIBE
HAPLOPAPPUS ABERRANS IDAHO GOLDEN-WEED	ASTERACEAE	G4 S1	3C	SENSITIVE	RAVA
HAPLOPAPPUS CARTHAMOIDES VAR SUBSQUARROSUS BEARTOOTH LARGE-FLOWERED GOLDENWEED	ASTERACEAE	G5T2? S1	C2		CARB
HAPLOPAPPUS MACRONEMA VAR LINEARIS LINEAR-LEAVED DISCOID GOLDENWEED	ASTERACEAE	G4T? S2			BEAV, POWE, SILV
HAPLOPAPPUS MACRONEMA VAR MACRONEMA DISCOID GOLDENWEED	ASTERACEAE	G4T4 S1		SENSITIVE	BEAV
HAPLOPAPPUS NANUS DWARF GOLDENWEED	ASTERACEAE	G5 S1			BEAV
HAPLOPAPPUS PYGMAEUS PYGMY GOLDENWEED	ASTERACEAE	G4 SH			DEER, GALL
HELENIIUM HOOPESII ORANGE SNEEZEWEED	ASTERACEAE	G5 S1			BEAV
HEMICARPHA DRUMMONDII DRUMMOND'S HEMICARPHA	CYPERACEAE	G4G5 S1			CARB
HETERANTHERA DUBIA WATER STAR-GRASS	PONTEDERIACEAE	G5 S1			FLAT, SAND
HETEROCODON RARIFLORUM WESTERN PEARL-FLOWER	CAMPANULACEAE	G5 S1			LAKE, RAVA, SAND
HOWELLIA AQUATILIS WATER HOWELLIA	CAMPANULACEAE	G2 S2	PT		LAKE, MISS
HUTCHINSIA PROCUMBENS HUTCHINSIA	BRASSICACEAE	G5 S1			BEAV, POWE
IDAHOA SCAPIGERA SCALEPOD	BRASSICACEAE	G5 S1		SENSITIVE	RAVA

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IPOMOPSIS CONGESTA SSP CREBRIFOLIA BALLHEAD GILIA	POLEMONIACEAE	G4T4 S2			BEAV, RAVA
IPOMOPSIS MINUTIFLORA SMALL-FLOWER STANDING-CYPRESS	POLEMONIACEAE	G? S1			*RAVA
JUNCUS ACUMINATUS TAPERED RUSH	JUNCACEAE	G5 S1			TETO
JUNCUS COVILLEI VAR COVILLEI COVILLE'S RUSH	JUNCACEAE	G4G5T5 SU			MINE
JUNCUS COVILLEI VAR OBTUSATUS COVILLE'S RUSH	JUNCACEAE	G4G5T4 SU			RAVA
JUNCUS HALLII HALL'S RUSH	JUNCACEAE	G4G5 S2		SENSITIVE	MADI, MEAG, POWE, SILV
JUNCUS TRIGLUMIS VAR ALBESCENS THREE-FLOWERED RUSH	JUNCACEAE	G5T5 SU			PARK
JUNCUS TRIGLUMIS VAR TRIGLUMIS THREE-FLOWERED RUSH	JUNCACEAE	G5T5 SU			CARB
KALMIA OCCIDENTALIS PALE LAUREL	ERICACEAE	G5 S1			*FLAT, *MISS
KELLOGGIA GALIOIDES KELLOGGIA	RUBIACEAE	G5 S1			MINE
KOBRESIA MACROCARPA LARGE-FRUITED KOBRESIA	CYPERACEAE	G5 S1		SENSITIVE	CARB
KOBRESIA SIMPLICIUSCULA SIMPLE KOBRESIA	CYPERACEAE	G5 S1		WATCH	GLAC, PARK, TETO
KOCHIA AMERICANA RED SAGE	CHENOPODIACEAE	G5 SH			BEAV
KOENIGIA ISLANDICA ISLAND KOENIGIA	POLYGONACEAE	G4 S1			CARB
LAGOPHYLLA RAMOSISSIMA SLENDER HARELEAF	ASTERACEAE	G5 S1			*SAND
LATHYRUS BIJUGATUS LATAH TULE PEA	FABACEAE	G4G5 S1			*FLAT
LEPTODACTYLON CAESPITOSUM LEPTODACTYLON	POLEMONIACEAE	G3G4 S1			CARB
LESQUERELLA CARINATA VAR LANGUIDA GARNET BLADDERPOD	BRASSICACEAE	G2T1 S1	C2	SENSITIVE	GRAN

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LESQUERELLA HUMILIS FEW-SEEDED BLADDERPOD	BRASSICACEAE	G1 S1	C2	SENSITIVE	RAVA
LESQUERELLA KLAUSII DIVIDE BLADDERPOD	BRASSICACEAE	G3 S3			BROA, LEWI, MEAG
LESQUERELLA SP NOV 1 UNDESCRIBED BLADDERPOD	BRASSICACEAE	G2 S2	PROPOSED	SENSITIVE	BEAV
LESQUERELLA SP NOV 2 UNDESCRIBED BLADDERPOD	BRASSICACEAE	G1 S1			CARB
LEWISIA COLUMBIANA VAR WALLOWENSIS COLUMBIA LEWISIA	PORTULACACEAE	G4T4 S1	3C		*RAVA
LEWISIA PYGMAEA VAR NEVADENSIS NEVADA BITTERROOT	PORTULACACEAE	G4 S1			BEAV, DEER, RAVA
LIGUSTICUM PORTERI PORTER'S LOVAGE	APIACEAE	G4G5 SU	PROPOSED	WATCH	*CARB
LILAEA SCILLOIDES FLOWERING QUILLWORT	JUNCAGINACEAE	G4 S1			LAKE
LILIUM COLUMBIANUM COLUMBIA LILY	LILIACEAE	G4G5 S2			LINC
LINARIA CANADENSIS VAR TEXANA BLUE TOADFLAX	SCROPHULARIACEAE	G4G5 S1			CART, DAWS, MCCO
LIPARIS LOESELII LOESEL'S TWAYDLADE	ORCHIDACEAE	G5 S1	PROPOSED	SENSITIVE	LAKE
LOBELIA SPICATA PALE-SPIKED LOBELIA	CAMPANULACEAE	G5 SH			*RICH, *SHER, *DANI
LOMATIUM ATTENUATUM TAPER-TIP DESERT-PARSLEY	APIACEAE	G3 S1	C2		BEAV
LOMATIUM GEYERI GEYER'S BISCUITROOT	APIACEAE	G3G4 S1		SENSITIVE	LINC
LYCOPODIUM INUNDATUM NORTHERN BOG CLUBMOSS	LYCOPODIACEAE	G5 S1		SENSITIVE	MISS
LYCOPODIUM OBSCURUM TREE CLUBMOSS	LYCOPODIACEAE	G5 SH			*FLAT
MACHAERANTHERA COMMIXTA MACHAERANTHERA	ASTERACEAE	G?T3T4 S1			MADI
MADIA MINIMA SMALL-HEADED TARWEED	ASTERACEAE	G4 S1			LINC, MISS, RAVA, SAND



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MAIANTHEMUM CANADENSE VAR INTERIUS WILD LILY-OF-THE-VALLEY	LILIACEAE	G5T4 S1			CART
MALACOTHRIX TORREYI DESERT DANDELION	ASTERACEAE	G4 S1			CARB
MENTZELIA MONTANA BLAZING-STAR	LOASACEAE	G4 S1		WATCH	*PARK
MENTZELIA NUDA BRACLESS MENTZELIA	LOASACEAE	G5 S1		WATCH	CUST, DAWS
MENTZELIA PUMILA DWARF MENTZELIA	LOASACEAE	G4 S2	PROPOSED	WATCH	CARB
MERTENSIA BELLA OREGON BLUEBELLS	BORAGINACEAE	G4 S1		SENSITIVE	MISS
MIMULUS BREVIFLORUS SHORT-FLOWERED MONKEYFLOWER	SCROPHULARIACEAE	G4 S1			*FLAT
MIMULUS GLABRATUS VAR FREMONTII GLABROUS MONKEYFLOWER	SCROPHULARIACEAE	G4?TUQ SU			*ROSE
MIMULUS NANUS DWARF PURPLE MONKEYFLOWER	SCROPHULARIACEAE	G5 S1			RAVA
MIMULUS PRIMULOIDES PRIMROSE MONKEYFLOWER	SCROPHULARIACEAE	G4 S1		SENSITIVE	BEAV, RAVA
MIRABILIS HIRSUTA HAIRY FOUR-O'CLOCK	NYCTAGINACEAE	G5 S1			*CART, *CHOT, *SHER
MUHLENBERGIA MINUTISSIMA LEAST MUHLY	POACEAE	G5 SU			BEAV, GALL, RAVA
MYOSOTIS VERNA EARLY FORGET-ME-NOT	BORAGINACEAE	G5 S1			FLAT, LAKE, MISS, RAVA
NAJAS GUADALUPENSIS GUADALUPE WATER-NYPH	NAJADACEAE	G5 S1			CASC, FLAT, LAKE, RAVA
NAMA DENSUM NAMA	HYDROPHYLLACEAE	G5 S1			CARB
NYMPHAEA TETRAGONA PYGMY WATER-LILY	NYMPHAEACEAE	G5 S1			FLAT, LAKE
OENOTHERA PALLIDA VAR IDAHOENSIS PALE EVENING-PRIMROSE	ONAGRACEAE	G5T4Q S1			BEAV
OPHIOGLOSSUM VULGATUM ADDER'S-TONGUE	OPHIOGLOSSACEAE	G5 S1			FLAT, LAKE, LINC, MISS

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ORCHIS ROTUNDIFOLIA ROUND-LEAVED ORCHIS	ORCHIDACEAE	G5 S2S3		SENSITIVE	FLAT, LEWI, LINC, POND, POWE, TETO
OROGENIA FUSIFORMIS TAPERED-ROOT OROGENIA	APIACEAE	G5 S2		SENSITIVE	BEAV, MADI, MISS, RAVA
ORYZOPSIS CONTRACTA CONTRACTED INDIAN RICEGRASS	POACEAE	G2 SU	C2 PROPOSED	SENSITIVE	(BEAV, DEER or MADI)
OXYTROPIS CAMPESTRIS VAR. COLUMBIANA COLUMBIA CRAZYWEED	FABACEAE	G5T2 SU			*LAKE
OXYTROPIS DEFLEXA VAR FOLIOLOSA PENDENT-POD CRAZYWEED	FABACEAE	G5T? S1			PARK
OXYTROPIS LAGOPUS VAR CONJUGENS RABBIT-FOOT CRAZYWEED	FABACEAE	G4T3 S3			GRAN, JEFF, LEWI, POWE, TETO
OXYTROPIS PARRYI PARRY'S CRAZYWEED	FABACEAE	G5 S1			BEAV
OXYTROPIS PODOCARPA STALKED-POD CRAZYWEED	FABACEAE	G4 S1		SENSITIVE	GLAC, TETO
PANICUM OCCIDENTALE WESTERN WITCHGRASS	POACEAE	G5T? S2			BEAV, FLAT, LINC, MISS, RAVA
PAPAVER KLUANENSIS ALPINE POPPY	PAPAVERACEAE	G4Q S1			CARB
PAPAVER PYGMAEUM ALPINE GLACIER POPPY	PAPAVERACEAE	G3 S3	C2		FLAT, GLAC
PEDICULARIS CONTORTA VAR RUBICUNDA COIL-BEAKED LOUSEWORT	SCROPHULARIACEAE	G5T2 S2			RAVA
PENSTEMON ANGUSTIFOLIUS NARROWLEAF PENSTEMON	SCROPHULARIACEAE	G5 S1			CART, DAWS, MISS
PENSTEMON ATTENUATUS VAR MILITARIS TAPER-LEAVED BEARDTONGUE	SCROPHULARIACEAE	G4T4 S1		WATCH	RAVA
PENSTEMON CARYI CARY'S BEARDTONGUE	SCROPHULARIACEAE	G2G3 S2	C2		CARB
PENSTEMON FLAVESCENS YELLOW BEARDTONGUE	SCROPHULARIACEAE	G3 S3			MINE, RAVA
PENSTEMON GLOBUSUS GLOBE BEARDTONGUE	SCROPHULARIACEAE	G4 S1			BEAV
PENSTEMON GRANDIFLORUS LARGE FLOWERED BEARDTONGUE	SCROPHULARIACEAE	G? S1			CUST

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PENSTEMON LEMHIENSIS LEMHI BEARDTONGUE	SCROPHULARIACEAE	G3 S2	C2	SENSITIVE	BEAV, DEER, RAVA, SILV
PENSTEMON PAYETTENSIS PAYETTE BEARDTONGUE	SCROPHULARIACEAE	G4 S1			RAVA
PENSTEMON WHIPPLEANUS WHIPPLE'S BEARDTONGUE	SCROPHULARIACEAE	G5 S1			BEAV, MADI
PETASITES FRIGIDUS VAR NIVALIS PALMATE-LEAVED COLTSFOOT	ASTERACEAE	G5T? S1			*FLAT
PHACELIA INCANA HOARY PHACELIA	HYDROPHYLLACEAE	G3 S1			BEAV
PHACELIA SCOPULINA DWARF PHACELIA	HYDROPHYLLACEAE	G4 SH			*SILV
PHACELIA THERMALIS HOT SPRING PHACELIA	HYDROPHYLLACEAE	G3G4 S1			FERG, GARF, PHIL
PHIPPSIA ALGIDA ICE GRASS	POACEAE	G5 S2	3C		CARB, STIL
PHLOX ANDICOLA MOSS PHLOX	POLEMONIACEAE	G4 S1			CART, DAWS
PHLOX KELSEYI VAR MISSOULENSIS MISSOULA PHLOX	POLEMONIACEAE	G2G3 S2S3	3C	SENSITIVE	CASC, GRAN, JUDI LEWI, MEAG, MISS, POWE
PHYSALIS HEDERIFOLIA VAR COMATA PRAIRIE GROUND CHERRY	SOLANACEAE	G5?TU SU			*BIGH
PHYSALIS HETEROPHYLLA CLAMMY GROUND CHERRY	SOLANACEAE	G5 SU			*POWD
PHYSALIS VIRGINIANA VAR HISPIDA VIRGINIA GROUND CHERRY	SOLANACEAE	G?T?Q SU			*ROSE, *MCCO
PHYSARIA DIDYMOCARPA VAR. LANATA WOOLLY TWINPOD	BRASSICAEAE	G5T? SU			*BIGH
PHYSARIA SAXIMONTANA VAR DENTATA ROCKY MOUNTAIN TWINPOD	BRASSICACEAE	G3T2 S3			[county missing]
PLAGIOBOTHRYUS LEPTOCLADUS SLENDER-BRANCHED POPCORN-FLOWER	BORAGINACEAE	G4 S1			GLAC, PHIL
POA CURTA SHORT-LEAVED BLUEGRASS	POACEAE	G4 S1			*CARB
POLYGONUM DOUGLASII SSP AUSTINAE AUSTIN'S KNOTWEED	POLYGONACEAE	G5T4 S2S3		SENSITIVE	BROA, LEWI, MADI, POND

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POLYGONUM POLYGALOIDES WHITE-MARGINED KNOTWEED	POLYGONACEAE	G4G5 S2			BEAV, GLAC, SAND, TETO
POLYSTICHUM KRUCKEBERGII KRUCKEBERG'S SWORD-FERN	DRYOPTERIDACEAE	G5 S1	3C		DEER, LAKE, MISS
POLYSTICHUM SCOPULINUM MOUNTAIN HOLLY-FERN	DRYOPTERIDACEAE	G5 S1			RAVA, SAND
POTAMOGETON OBTUSIFOLIUS BLUNT-LEAVED PONDWEED	POTAMOGETONACEAE	G5 S1		SENSITIVE	FLAT, GLAC, LAKE, MISS
POTENTILLA BREVIFOLIA SHORT-LEAVED CINQUEFOIL	ROSACEAE	G4 S1			MADI
POTENTILLA PLATTENSIS PLATTE CINQUEFOIL	ROSACEAE	G4 S1			BEAV, BIGH, CARB
POTENTILLA QUINQUEFOLIA FIVE-LEAF CINQUEFOIL	ROSACEAE	G4 S1			FLAT, GLAC, YNPK
POTENTILLA UNIFLORA ONE-FLOWERED CINQUEFOIL	ROSACEAE	G5 S1			*DEER
PRIMULA ALCALINA IDAHO PRIMROSE	PRIMULACEAE	G1 SU	C2		BEAV
PRUNUS PUMILA SAND CHERRY	ROSACEAE	G5 S1			FALL
PSILOCARPHUS BREVISSIMUS DWARF WOOLLY-HEADS	ASTERACEAE	G5 S1			CASC, PHIL, SAND
PSORALEA HYPOGAEA LITTLE INDIAN BREADROOT	FABACEAE	G3G4 S1			CASC, CHOU, ROSE
QUERCUS MACROCARPA BUR OAK	FAGACEAE	G5 S1			CART
RANUNCULUS CARDIOPHYLLUS HEART-LEAVED BUTTERCUP	RANUNCULACEAE	G4 S1			GLAC, SWEE, TOOL
RANUNCULUS GELIDUS ARCTIC BUTTERCUP	RANUNCULACEAE	G4 S1			STIL
RANUNCULUS HYPERBOREUS ARCTIC BUTTERCUP	RANUNCULACEAE	G5 SH			*JEFF
RANUNCULUS JOVIS JOVE'S BUTTERCUP	RANUNCULACEAE	G4G5 S1S2		SENSITIVE	BEAV, GALL, MADI, PARK
RANUNCULUS ORTHORHYNCHUS VAR PLATYPHYLLUS STRAIGHTBEAK BUTTERCUP	RANUNCULACEAE	G5T4 S1			DEER, GRAN

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RANUNCULUS PEDATIFIDUS NORTHERN BUTTERCUP	RANUNCULACEAE	G5 S1			FLAT, GLAC, *LIBE, TOOL
RANUNCULUS VERCUNDUS TIMBERLINE BUTTERCUP	RANUNCULACEAE	G5 S1			FLAT, GLAC, MADI
RIBES COGNATUM SHINYLEAF GOOSEBERRY	GROSSULARIACEAE	G2Q S1			LINC, MINE, SAND
RIBES TRISTE SWAMP RED CURRANT	GROSSULARIACEAE	G5 S1			GRAN, MINE
RORIPPA CALYCINA PERSISTENTSEPAL YELLOWCRESS	BRASSICACEAE	G3 S1	C2	WATCH	CASC, CUST, MCCO, YELL
ROOTALA RAMOSIOR TOOTH CUP	LYTHRACEAE	G5 S1			LAKE, MISS
SAGINA NIVALIS ARCTIC PEARLWORT	CARYOPHYLLACEAE	G5 S1			GLAC, STIL
SALIX BARRATTIANA BARRATT'S WILLOW	SALICACEAE	G5 S1		SENSITIVE	CARB, GLAC
SALIX CASCADENSIS CASCADES WILLOW	SALICACEAE	G4G5 S1			BEAV, DEER
SALIX SERISSIMA FALL WILLOW	SALICACEAE	G4 S1		WATCH	GLAC, MEAG, TETO
SALIX WOLFII VAR WOLFII WOLF'S WILLOW	SALICACEAE	G4T4 S1		SENSITIVE	DEER, GALL, MADI
SATUREJA DOUGLASII YERBA BUENA	LAMIACEAE	G4 S2			MISS, RAVA, SAND
SAUSSUREA DENSA DWARF SAW-WORT	ASTERACEAE	G? S1		SENSITIVE	LEWI, POND, TETO
SAUSSUREA WEBERI WEBER'S SAW-WORT	ASTERACEAE	G3 S1	3C	SENSITIVE	GRAN
SAXIFRAGA APETALA TINY SWAMP SAXIFRAGE	SAXIFRAGACEAE	G3 S2			BEAV, CARB
SAXIFRAGA HIRCULUS YELLOW MARSH SAXIFRAGE	SAXIFRAGACEAE	G5 S1			*CARB
SAXIFRAGA TEMPESTIVA STORM SAXIFRAGE	SAXIFRAGACEAE	G2 S2		SENSITIVE	BEAV, DEER, GRAN, MADI, RAVA
SCHEUCHZERIA PALUSTRIS POD GRASS	SCHEUCHZERIACEAE	G5 S1	PROPOSED	SENSITIVE	*LAKE, *RAVA

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SCIRPUS CESPITOSUS TUFTED CLUB-RUSH	CYPERACEAE	G5 S1			BEAV, FLAT, POWE, TETO
SCIRPUS HETEROCHAETUS SLENDER BULRUSH	CYPERACEAE	G5 S1			*SAND, *SHER
SCIRPUS HUDSONIANUS HUDSON'S BAY BULRUSH	CYPERACEAE	G5 S1			FLAT
SCIRPUS NEVADENSIS NEVADA BULLRUSH	CYPERACEAE	G4 S1			LINC, SHER
SCIRPUS PALLIDUS PALE BULRUSH	CYPERACEAE	G5 S2			*FERG, *FLAT, *TREA
SCIRPUS PUMILUS SMALL CLUBRUSH	CYPERACEAE	G5 S1			TETO
SCIRPUS SUBTERMINALIS WATER BULRUSH	CYPERACEAE	G4G5 S1		SENSITIVE	FLAT, LEWI, LINC, MISS
SELAGINELLA SELAGINOIDES LOW SPIKE-MOSS	SELAGINELLACEAE	G5 S1			BEAV, DEER, GRAN
SENECIO AMPLECTENS VAR HOLMII CLASPING GROUNDSEL	ASTERACEAE	G4T? S1			CARB
SENECIO EREMOPHILUS VAR EREMOPHILUS DESERT GROUNDSEL	ASTERACEAE	G4T? S1			HILL, PARK
SENECIO PAUCIFLORUS FEW-FLOWERED BUTTERWEED	ASTERACEAE	G4G5 SU			GRAN
SHOSHONEA PULVINATA SHOSHONEA	APIACEAE	G2G3 S1	C2	SENSITIVE	CARB
SIDALCEA OREGANA OREGON CHECKER-MALLOW	MALVACEAE	G5 S1			GALL, LAKE
SILENE SPALDINGII SPALDING CAMPION	CARYOPHYLLACEAE	G2 S1	C2	WATCH	FLAT, LAKE, LINC, SAND
SOLIDAGO SPARSIFLORA FEW-FLOWERED GOLDENROD	ASTERACEAE	G? S1			GARF, STIL
SPHAERALCEA MUNROANA WHITE-STEMMED GLOBE-MALLOW	MALVACEAE	G4 S1			BEAV
SPHAEROMERIA ARGENTEA CHICKEN SAGE	ASTERACEAE	G? S1			BEAV
SPHAEROMERIA CAPITATA ROCK-TANSY	ASTERACEAE	G3 S2S3			BEAV, CARB

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SPHENOPHOLIS OBTUSATA VAR MAJOR SLENDER WEDGEGRASS	POACEAE	G5T5 S1			BEAV, CART, CASC, FERG, FLAT, GRAN, LEWI, ROSE LINC, MISS, SAND
SPIRAEA X PYRAMIDATA PYRAMIDAL SPIRAEA	ROSACEAE	HYB HYB			
SPOROBOLUS ASPER LONGLEAF DROPSEED	POACEAE	G5 SH			CUST
SPOROBOLUS NEGLECTUS SMALL DROPSEED	POACEAE	G5 S1			GALL
STELLARIA CRASSIFOLIA FLESHY STITCHWORT	CARYOPHYLLACEAE	G4 S1			BEAV, CARB, DEER, SAND
STELLARIA JAMESIANA JAMES STITCHWORT	CARYOPHYLLACEAE	G? S1			*BEAV
STEPHANOMERIA SPINOSA SPINY SKELETONWEED	ASTERACEAE	G4 S1			MADI
STIPA LETTERMANII LETTERMAN'S NEEDLEGRASS	POACEAE	G3G4 SU			BIGH, MADI
STIPA THURBERIANA THURBER'S NEEDLEGRASS	POACEAE	G5 SU			PARK
SUCKLEYA SUCKLEYANA POISON SUCKLEYA	CHENOPODIACEAE	G5 SU			ROOS, VALL
SULLIVANTIA HAPEMANII WYOMING SULLIVANTIA	SAXIFRAGACEAE	G3 S1	C2		BIGH, CARB
SYNTHYRIS CANBYI MISSION MOUNTAIN KITTENTAILS	SCROPHULARIACEAE	G3 S3	3C		LAKE, MISS
SYNTHYRIS MISSURICA WESTERN MOUNTAIN SYNTHYRIS	SCROPHULARIACEAE	G4 S1			RAVA
TARAXACUM ERIOPHORUM ROCKY MOUNTAIN DANDELION	ASTERACEAE	G4 S1			BEAV, MADI, *GRAN
THALICTRUM ALPINUM ALPINE MEADOWRUE	RANUNCULACEAE	G5 S1		SENSITIVE	BEAV
THELYPODIUM PANICULATUM NORTHWESTERN THELYPODY	BRASSICACEAE	G3G4 SH			BEAV
THELYPODIUM SAGITTATUM SSP SAGITTATUM SLENDER THELYPODY	BRASSICACEAE	G3G4T? S2			BEAV, FLAT, GALL, LAKE
THELYPTERIS PHEGopteris NORTHERN BEECHFERN	ASPLENIACEAE	G5 S1		SENSITIVE	FLAT, GLAC, LINC, SAND

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THLASPI PARVIFLORUM SMALL-FLOWERED PENNYCRESS	BRASSICACEAE	G3 S2		SENSITIVE	BEAV, CARB, MADI, PARK, SILV
TOFIELDIA PUSILLA TOFIELDIA	LILIACEAE	G5 S1			GLAC
TOWNSENDIA CONDENSATA CUSHION TOWNSENDIA	ASTERACEAE	G3 S2			GLAC, MADI, PARK
TOWNSENDIA FLORIFER SHOWY TOWNSENDIA	ASTERACEAE	G5 S1			BEAV
TOWNSENDIA LEPTOTES SLENDER TOWNSENDIA	ASTERACEAE	G4 SU			*MADI
TOWNSENDIA NUTTALLII NUTTALL'S TOWNSENDIA	ASTERACEAE	G3 SU			BEAV
TOWNSENDIA SPATHULATA SWORD TOWNSENDIA	ASTERACEAE	G3 S3	3C		BEAV, BROA, CARB
TRIFOLIUM CYATHIFERUM CUP CLOVER	FABACEAE	G4 S1			MISS, RAVA
TRIFOLIUM ERIOCEPHALUM VAR PIPERI WOOLLY-HEAD CLOVER	FABACEAE	G4T3 S1		SENSITIVE	RAVA
TRIFOLIUM GYMNOCARPON HOLLYLEAF CLOVER	FABACEAE	G4 S1		SENSITIVE	GRAN, RAVA
TRIFOLIUM LATIFOLIUM TWIN CLOVER	FABACEAE	G4 S1			SAND
TRIFOLIUM MICROCEPHALUM WOOLLY CLOVER	FABACEAE	G5 S1			MISS, RAVA
TRIGLOCHIN CONCINNUM VAR DEBILE GRACEFUL ARROWGRASS	SCHEUCHZERIAACEAE	G5T4 S2			GARF, MADI, MCCO, PHIL, TETO
UTRICULARIA INTERMEDIA FLAT-LEAVED BLADDERWORT	LENTIBULARIACEAE	G5 S1			FLAT, MISS, POWE
VACCINIUM MYRTILLOIDES VELVETLEAF BLUEBERRY	ERICACEAE	G5 S1		WATCH	FLAT
VERATRUM CALIFORNICUM CALIFORNIA FALSE-HELLEBORE	LILIACEAE	G5 S1		SENSITIVE	GRAN, MEAG
VERNONIA FASCICULATA SSP CORYMBOSA FASCICLED IRONWEED	ASTERACEAE	G5T? SU			*BLAI
VIBURNUM LENTAGO NANNYBERRY	CAPRIFOLIACEAE	G5 S1			BIGH, ROOS



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VIOLA RENIFOLIA KIDNEY-LEAF WHITE VIOLET	VIOLACEAE	G5 S2		SENSITIVE	FLAT, GLAC, LAKE, MISS, SILV
WALDSTEINIA IDAHOENSIS IDAHO BARREN STRAWBERRY	ROSACEAE	G3 S1	3C PROPOSED	SENSITIVE	MISS
WOLFFIA COLUMBIANA COLUMBIA WATER-MEAL	LEMNACEAE	G5 S2			FLAT, LAKE, *MISS
ZIZIA AUREA GOLDEN ALEXANDERS	APIACEAE	G5 SH			*CASC or *CHOT

## PLANTS DELETED FROM TRACKING AS ELEMENT OCCURRENCES

Arenaria kingii - more common than previously known

Astragalus argophyllus - more common than previously known

Astragalus lentiginosus - limited distribution

Astragalus leptaleus - limited distribution

Castilleja rustica - more common than previously known

Cirsium subnivium - more common than previously known

Senecio debilis - limited distribution

Stanleya viridiflora - limited distribution